

## **WHAT IS CLAIMED IS:**

1. A testing method for a polarizing plate including steps of the following:
  - S1. selecting an optical source;
  - S2. checking if an optical source for projection in the testing is chosen, wherein if an optical source is selected, proceeding to S2 and if not, backing to S1;
  - S3. fixing the polarizing plate;
  - S4. polarizing a light beam from the selected optical source and projecting the polarized light beam to the polarizing plate;
  - S5. adjusting position of the polarizing plate to form an image on the polarizing plate; and
  - S6. rotating the polarizing plate to see if there is any contrast variation in the image.
2. The testing method according to claim 1, wherein the polarizing step is selected from the group consisting of reflection and transmission.
3. The testing method according to claim 2, wherein the transmission includes the following steps:
  - the selected light beam passing through a filter;
  - the light beam passing through the filter passing through a polarizer; and
  - the light beam passing the polarizer passing through a concave lens.
4. The testing method according to claim 3 further comprising a step of the light beam passing through a polystyrene plate before the light beam passing through the filter.
5. The testing method according to claim 3 further comprising a step of the light beam projecting to a screen after the light beam passing through the concave lens.
6. The testing method according to claim 2, wherein the reflection includes the following steps:
  - the selected light beam passing through a filter;
  - the selected light beam reflecting by a mirror after passing the filter;
  - the selected light beam passing through a concave lens after being reflected by the mirror.

7. The testing method according to claim 6 further comprising a step of having the light beam projecting to a screen after the light beam passing the concave lens.
8. The testing method according to claim 1, wherein the optical source includes red, blue and green lights.